

DERWENT-ACC-NO: 2000-559366

DERWENT-WEEK: 200052

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TITLE: Disk brake vehicles comprises mating spherical surfaces between the actuating cylinder and the brake liner unit which allow the brake liner unit to pivot relative to the longitudinal cylinder axis

PATENT-ASSIGNEE: KNOTT GMBH[KNOTN]

PRIORITY-DATA: 2000DE-2006370 (April 6, 2000)

PATENT-FAMILY:

PUB-NO IPC	PUB-DATE	LANGUAGE	PAGES	MAIN-
DE 20006370 U1 055/224	August 10, 2000	N/A	023	F16D

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 20006370U1	N/A	2000DE-2006370	April 6, 2000

INT-CL (IPC): F16D055/224, F16D065/092

ABSTRACTED-PUB-NO: DE 20006370U

BASIC-ABSTRACT:

NOVELTY - The disk brake for motor vehicles comprises brake liner unit (7) with a thrust element (11) whose spherically shaped surface (16) mates with the complementary spherical surface (17) of the brake actuating cylinder (6) in such a way that at in the activated state of the cylinder the brake liner unit (7) is pivotable relative to the longitudinal cylinder axis (15).

USE - Primarily for motor vehicles.

ADVANTAGE - Brake lining material is used more uniformly and to a higher degree. Premature wear as a result of local overheating and/or skewed contact between the lining material and the disk is eliminated.

DESCRIPTION OF DRAWING(S) - The drawing shows the proposed disk brake.

Saddle frame 1

Brake disk 4

Actuating cylinder 6

Brake liner units 7, 8

Thrust element 11

Longitudinal cylinder axis 15

Mating spherically shaped surfaces 16, 17

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: DISC BRAKE VEHICLE COMPRISE MATE SPHERE SURFACE ACTUATE CYLINDER

BRAKE LINING UNIT ALLOW BRAKE LINING UNIT PIVOT
RELATIVE LONGITUDE
CYLINDER AXIS

DERWENT-CLASS: A88 Q63

CPI-CODES: A12-H10;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]

018 ; R00868 G1105 G1092 D01 D19 D18 D31 D50 D76 D86 F31 F30 ;
H0011*R

; P0226 P0282*R D01 D18 F30

Polymer Index [1.2]

018 ; ND01 ; K9416 ; Q9999 Q7614 Q7603 ; Q9999 Q9234 Q9212 ;
B9999

B4682 B4568 ; B9999 B5287 B5276 ; B9999 B5367 B5276

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2000-166781

Non-CPI Secondary Accession Numbers: N2000-413952

